

## **What Is Claim d Is:**

1. A safety bra sheath, which comprises a sheath-body woven with textile that can hold an underwire, characterized by the fact that the sheath-body is attached to an inner surface of a liner, and including at least one row of lugs in the inner surface of the liner in a position corresponding to the underwire in the sheath-body.
2. A safety bra sheath according to claim 1, wherein there are two rows of lugs in the inner surface of the liner, and a trough able to form gaps with the sheath-body between two rows of lugs.
3. A safety bra sheath according to claim 1, wherein the liner is formed by extending sheath-body outwards from its one side, and wrapped in the inner surface of sheath-body after being folded along to its side of the sheath-body.
4. A safety bra sheath according to claim 1, wherein said sheath-body and liner are woven from a plurality of warp threads and a plurality of weft threads interlocked as a whole, and there is at least one piece of heat fusible thread among at least one of the warp threads and the weft threads, and wherein the warp threads and the weft threads are bonded to form at least one superficial layer in the inner surface of the sheath-body and the liner separately after melting the heat fusible thread.
5. A safety bra sheath according to claim 4, wherein said sheath-body is woven from synthetic warp threads, which warp threads are comprised alternately of a heat fusible thread and an elastic nylon thread, each interlocked with the weft threads.
6. A safety bra sheath as recited in claim 5 characterized by the fact that the warp threads are comprised of two pieces of elastic nylon thread and two pieces of heat fusible thread in alternating order.

7. A safety bra sheath according to claim 6, wherein said weft threads are comprised of nylon thread, urethane elastic thread, or combinations thereof, and a fine hair of the weft threads forms a softness layer on the outer surface of the liner.
8. A safety bra sheath according to claim 4, wherein said sheath-body and the liner are woven from synthetic weft threads, which weft threads are comprised of a heat fusible thread and an elastic nylon thread in alternating order, each interlocked with the warp threads.
9. A safety bra sheath according to claim 8, wherein said weft threads are comprised of two pieces elastic nylon thread and two pieces of heat fusible thread in alternating order.
10. A safety bra sheath according to claim 9, wherein said warp threads are comprised of nylon thread, urethane elastic thread or combinations thereof, and a fine hair of the warp threads forms a softness layer on the outer surface of the liner.
11. A bra sheath comprising:  
an elongated liner folded along a medial line and having an inner surface;  
a sheath-body having opposing edges attached to the liner inner surface to define a tunnel between the liner inner surface and the sheath-body;  
a plurality of lugs attached to the liner inner surface; and  
a softness layer disposed adjacent an outer surface of the folded liner.
12. The bra sheath of claim 11 wherein the lugs and the tunnel project from opposing sides of the liner inner surface in a face to face relationship.
13. The bra sheath of claim 11 further comprising an underwire in the tunnel.
14. The bra sheath of claim 11 consisting of a flattened tubular structure defining an internal cavity therein.

15. The bra sheath of claim 11 wherein the liner is a fabric closely woven from interlocked threads.

16. The bra sheath of claim 11 wherein at least one of the liner and sheath-body is a fabric woven from interlocking threads comprising a heat fusible thermoplastic material.

17. The bra sheath of claim 11 wherein at least one of the liner and the sheath-body is a fabric woven from threads comprising a heat fusible thermoplastic material interlocked with threads selected from nylon, urethane and combinations thereof.

18. The bra sheath of claim 11 wherein at least one of the liner and the sheath-body is a fabric woven from threads comprising a heat fusible thermoplastic material interlocked with threads selected from nylon, urethane and combinations thereof and subjected to heat after weaving to melt the heat fusible threads and bond the fabric.

19. The bra sheath of claim 11 wherein the liner is a fabric woven from threads selected from nylon, urethane and combinations thereof, wherein the liner threads form the softness layer.

20. A brassiere comprising:

a bust cup;

a bra sheath comprising:

an elongated liner folded along a medial line and having an inner surface;

a sheath-body having opposing edges attached to the liner inner surface to define a tunnel between the liner inner surface and the sheath-body, wherein at least one of the liner and the sheath-body is a fabric closely woven from threads comprising a heat fusible thermoplastic material interlocked with threads selected from nylon, urethane and combinations

thereof and subjected to heat after weaving to melt the heat fusible threads and bond the fabric;

a plurality of lugs attached to the liner inner surface; and

a softness layer formed by the woven threads of the liner and disposed adjacent an outer surface of the folded liner, the softness layer being secured along a lower portion of the bust cup; and  
an underwire disposed in the tunnel.